

# ABSTRACT OF SANITARY REPORTS.

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## UNITED STATES.

### SPECIAL REPORTS.

*Typhus fever among the immigrants who arrived on the steamship Massilia.*

[Telegram.]

NEW YORK, February 25, 1892.

One hundred and seven cases to date; 99 are *Massilia* passengers; 4 from exposure to latter; 5 sources of contagion unknown; 4 of last from Bowery lodging house. Believe we have control.

CYRUS EDSON.

To the SUPERVISING SURGEON-GENERAL.

DEPARTMENT OF PUBLIC SAFETY,  
*Bureau of Health,*  
*Pittsburg, February 18, 1892.*

SIR: Your telegram of to-day asking for information regarding typhus fever received. In reply would state we have one case of typhus fever reported to this office February 16, 1892. Immediate steps were taken to disinfect premises and quarantine the house. It is an exceedingly light case; patient doing well. The name of patient Angela Matera, passenger from vessel *Massilia*. It is said 14 others from said vessel are in Pittsburg, but as yet we have been unable to locate them. Since writing the above, Dr. Moyer, the physician in attendance, called on me and reports the patient much worse to-day, and developing all the symptoms of a true case of typhus. Patient thoroughly isolated, and every precaution being taken to prevent spread.

Respectfully yours,

W. F. McKELVY,  
*Chief Clerk Board of Health.*

To the SUPERVISING SURGEON-GENERAL.

*Reports of States, and yearly and monthly reports of cities.*

ALABAMA—*Mobile*.—Month of January, 1892. Population, 31,076. Total deaths, 100, including phthisis pulmonalis, 7; diphtheria, 1; and croup, 1.

**CONNECTICUT.**—Reports to the State board of health from 167 towns, having an aggregate population of 745,693, show a total of 1,953 deaths, including phthisis pulmonalis, 151; influenza, 245; enteric fever, 22; scarlet fever, 17; diphtheria, and croup, 88; and whooping cough, 4.

**FLORIDA**—*Pensacola*.—Month of January, 1892. Population, 11,750. Total deaths, 21, including 2 from phthisis pulmonalis and 1 from enteric fever.

**MASSACHUSETTS**—*Northampton*.—Month of January, 1892. Population, 14,990. Total deaths, 51, including phthisis pulmonalis 4.

*Worcester*.—Month of January, 1892. Population, 84,655. Total deaths, 205, including phthisis pulmonalis 17 and influenza 18.

**MICHIGAN.**—Week ended February 13, 1892. Reports to the State board of health, Lansing, from 61 observers, indicate that scarlet fever, typho-malarial fever, inflammation of bowels, membranous croup, inflammation of brain, and cholera infantum increased, and that cerebro-spinal meningitis, puerperal fever, cholera morbus, diphtheria, erysipelas, and typhoid fever decreased in area of prevalence.

Diphtheria was reported present during the week at 25 places, scarlet fever at 52, enteric fever at 16, and measles at 5 places.

**DETROIT.**—Month of January, 1892. Population, 205,876. Total deaths, 495, including phthisis pulmonalis, 40; enteric fever, 6; scarlet fever, 19; diphtheria, 34; and whooping cough, 1.

**RHODE ISLAND.**—Month of January, 1892. Reports to the State board of health from 22 cities and towns, having an aggregate population of 277,640, show a total of 705 deaths, including phthisis pulmonalis, 57; influenza, 107; enteric fever, 11; scarlet fever, 5; diphtheria, 5; measles, 2; croup, 9; and whooping cough, 2.

**TENNESSEE**—*Nashville*.—Month of January, 1892. Population, 76,168. Total deaths, 143, including phthisis pulmonalis, 19; influenza, 7; enteric fever, 1; measles, 1; and croup, 4.

**PENNSYLVANIA**—*Williamsport*.—Month of January, 1892. Population, 27,132. Total deaths, 40, including enteric fever, 2; scarlet fever, 1; diphtheria, 2; and whooping cough, 1.

## MORTALITY TABLE, CITIES OF THE UNITED STATES.

Cities.	Week ended.	Population, U. S. Census of 1890.	Total deaths from all causes.	Deaths from—									
				Phthisis pulmonalis.	Yellow fever.	Smallpox.	Variceloid.	Varicella.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
New York, N. Y.	Feb. 20....	1,515,301	908	129		2			2	2	39	26	13
St. Louis, Mo.	Feb. 20....	451,770	167	24						1	1	1	1
Boston, Mass.	Feb. 20....	448,477	206	22							7	9	2
Baltimore, Md.	Feb. 20....	434,439	233	27						3	20	13	3
San Francisco, Cal.	Feb. 13....	298,997								4	2	8	5
Cincinnati, Ohio.	Feb. 19....	296,908	130	8						2	1	10	
New Orleans, La.	Feb. 6....	242,039	189	19									
New Orleans, La.	Feb. 13....	242,039	162	14									
Detroit, Mich.	Feb. 20....	205,876	82										
Minneapolis, Minn.	Feb. 20....	164,738	87							1	10	5	
Louisville, Ky.	Feb. 20....	161,129	60	10						3	1	1	1
Rochester, N. Y.	Feb. 20....	133,896	49	3						1		10	
Kansas City, Mo.	Feb. 6....	132,716	27	3									
Kansas City, Mo.	Feb. 13....	132,716	38	7									
Providence, R. I.	Feb. 20....	132,146	51									1	1
Denver, Colo.	Feb. 13....	106,713	32	5							1	2	
Denver, Colo.	Feb. 20....	106,713	21	6							1	4	
Indianapolis, Ind.	Feb. 13....	105,436	34	10							2	2	
Indianapolis, Ind.	Feb. 20....	105,436	43	9								4	
Toledo, Ohio.	Feb. 19....	81,434	25							1		3	2
Richmond, Va.	Feb. 20....	81,388	41	5								1	
Nashville, Tenn.	Feb. 20....	76,168	40	9						4			
Fall River, Mass.	Feb. 19....	74,398	46	2									
Portland, Me.	Feb. 20....	56,425	17										1
Binghamton, N. Y.	Feb. 20....	35,005	20										
Mobile, Ala.	Feb. 20....	31,076	15							2		4	
Galveston, Tex.	Feb. 5....	29,084	17	1									
Galveston, Tex.	Feb. 12....	29,084	11										
Auburn, N. Y.	Feb. 20....	25,858	11	1									
Pensacola, Fla.	Feb. 13....	11,750	7	1						1			

Table of temperature and rainfall, week ended February 19, 1892.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	*Excess.	*Deficiency.	Normal.	Excess.	Deficiency.
<b>New England States:</b>						
Eastport, Me.....	22		17	1.05		.81
Portland, Me.....	23		22	.91		.45
Boston, Mass.....	28		36	.86		.78
Block Island, R. I.....	31		29	1.26		1.18
<b>Middle Atlantic States:</b>						
Albany, N. Y.....	26		56	.63		.61
New York, N. Y.....	32		22	.94		.86
Philadelphia, Pa.....	35		22	.84		.81
Atlantic City, N. J.....	34		22	.81		.80
Baltimore, Md.....	37		26	.91		.83
Washington, D. C.....	36		11	.84		.83
Lynchburg, Va.....	41		8	.85		.69
Norfolk, Va.....	44		27	.91		.91
<b>South Atlantic States:</b>						
Charlotte, N. C.....	46		11	1.11		.82
Wilmington, N. C.....	51		30	.82		.10
Charleston, S. C.....	54		13	.84		.66
Augusta, Ga.....	52		11	.91		.35
Savannah, Ga.....	56		21	.77		.73
Jacksonville, Fla.....	60		24	.78		.35
Key West, Fla.....	72		13	.42		.42
<b>Gulf States:</b>						
Atlanta, Ga.....	48		15	1.20		.51
Pensacola, Fla.....	58		7	.95		.94
Mobile, Ala.....	56		6	1.19		1.19
Montgomery, Ala.....	54		7	1.33		.72
Vicksburg, Miss.....	54		13	1.19	.15	
New Orleans, La.....	59		4	1.05		1.05
Shreveport, La.....	52	28		1.19	.81	
Port Smith, Ark.....	44	26		.91	.24	
Little Rock, Ark.....	46	36		1.61		.20
Palestine, Tex.....	53	34		.98	2.84	
Galveston, Tex.....	58	16		.76		.70
San Antonio, Tex.†.....	57			.56		
Corpus Christi, Tex.....	59	45		.60		.50
Brownsville, Tex.....	64	47		.49		.35
<b>Ohio Valley and Tennessee:</b>						
Memphis, Tenn.....	46	26		1.39	.07	
Nashville, Tenn.....	43	19		1.31	.25	
Chattanooga, Tenn.....	47		6	1.33	.21	
Knoxville, Tenn.....	44		6	1.26		.56
Louisville, Ky.....	39	15		1.19	.87	
Indianapolis, Ind.....	32	13		.84	.68	
Cincinnati, Ohio.....	37		1	.98	.77	
Columbus, Ohio.....	32	1		.91	.37	
Pittsburg, Pa.....	34		20	.70	.02	
<b>Lake Region:</b>						
Oswego, N. Y.....	24		38	.63	.29	
Rochester, N. Y.....	24		13	.63	.20	
Buffalo, N. Y.....	24		19	.68	.19	
Erie, Pa.....	28		30	.89	.19	
Cleveland, Ohio.....	28		5	.77	.61	
Sandusky, Ohio.....	28		2	.84	.06	
Toledo, Ohio.....	28		4	.49	.47	
Detroit, Mich.....	27		34	.62	.18	
Port Huron, Mich.....	22		30	.63		.12
Alpena, Mich.....	17		33	.56		.41
Marquette, Mich.....	15		53	.42		
Grand Haven, Mich.....	24		22	.56		.47
Milwaukee, Wis.....	23		22	.45		.27
Chicago, Ill.....	28		23	.63		.11
Duluth, Minn.....	13		56	.28	.09	
<b>Upper Mississippi Valley:</b>						
St. Paul, Minn.....	15		56	.21		.21
La Crosse, Wis.....	19		21	.23		.18
Dubuque, Iowa.....			5	.42		.36
Davenport, Iowa.....	25	12		.38		.28
Des Moines, Iowa.....	23	8		.35		.32
Keokuk, Iowa.....	29	30		.48		.25
Springfield, Ill.....	31	6		1.04	.52	
Cairo, Ill.....	39	36		1.05		.33
St. Louis, Mo.....	35	29		.77	1.73	

\*The figures in these columns represent the accumulated excess or deficiency for the week. To obtain the average daily departure these should be divided by seven.

† Reports missing.



Table of temperature and rainfall, week ended February 19, 1892—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	*Excess.	*Deficiency.	Normal.	Excess.	Deficiency.
<b>Missouri Valley:</b>						
Springfield, Mo.....	37	30	.....	.91	.....	.13
Kansas City, Mo.....	32	22	.....	.42	.25	.....
Concordia, Kans.....	29	14	.....	.14	.....	.14
Omaha, Nebr.....	24	.....	2	.21	.....	.21
Valentine, Nebr.....	23	.....	38	.14	.....	.09
Huron, S. Dak.....	13	.....	63	.14	.....	.13
Pierre, S. Dak.....	15	.....	94	.07	.....	.03
<b>Extreme Northwest:</b>						
Moorhead, Minn.....	5	.....	56	.21	.....	.09
Bismarck, N. Dak.....	9	.....	69	.14	.....	.03
Buford, Fort, N. Dak.....	8	.....	72	.14	.....	.04
<b>Rocky Mountain Slope:</b>						
Asiatic, Mont., Fort, Mont.....	14	.....	76	.14	.02	.....
Helena, Mont.....	22	47	.....	.14	.....	.04
Salt Lake City, Utah.....	33	.....	26	.35	.....	.33
Cheyenne, Wyo.....	27	44	.....	.07	.....	.07
North Platte, Nebr.....	26	.....	32	.07	.....	.07
Denver, Colo.....	33	28	.....	.14	.....	.12
Montrose, Colo.....	31	25	.....	.07	.....	.07
Pueblo, Colo.....	34	17	.....	.15	.....	.18
Dodge City, Kans.....	33	4	.....	.14	.....	.12
Arlene, Tex.....	48	28	.....	.28	.....	.....
Santa Fe, N. Mex.....	33	27	.....	.14	.18	.....
<b>Pacific Coast:</b>						
Olympia, Wash.....	39	.....	2	1.89	.....	1.83
Portland, Oreg.....	41	.....	2	1.68	.....	1.60
Roseburg, Oreg.....	43	21	.....	1.19	.....	1.07
Red Bluff, Cal.†.....	49	.....	.....	.84	.....	.....
Sacramento, Cal.†.....	50	.....	.....	.76	.....	.....
San Francisco, Cal.....	52	10	.....	.93	.....	.33
Los Angeles, Cal.....	55	10	.....	.90	.....	.90
San Diego, Cal.†.....	55	.....	.....	.63	.....	.....
Yuma, Ariz.†.....	59	.....	.....	.12	.....	.....

\* The figures in these columns represent the accumulated excess or deficiency of the week. To obtain the average daily departure these should be divided by seven.

† Reports missing.

## FOREIGN.

(Reports received through the Department of State and other channels.)

**BAHAMAS—*Albert Town.***—Four weeks ended January 23, 1892. Population, 2,934. Total deaths, 4. No deaths from contagious disease.

**CANADA—*Ontario—London.***—Month of January, 1892. Total deaths, 40. None from contagious disease.

**CUBA—*Havana.***—The United States sanitary inspector sends the following report, dated February 13, 1892:

There were 135 deaths in this city during the week ended February 11, 1892.

Four of those deaths were caused by yellow fever, 2 by so-called pernicious fever, 1 by enteric fever, 1 by paludal fever, and 1 by croup.

La grippe, which has been a very active epidemic here for over two and one-half months, causing quite a large number of deaths, is apparently rapidly subsiding; no mortality has been reported from it during the past week.

Three of the 4 deaths from yellow fever occurred in the Military Hospital.

**DUTCH GUIANA—*Parimaribo.***—Month of December, 1891. Population, 124,433. Total deaths, 93, including 1 from croup.

**FRANCE—*Marseilles.***—Month of January, 1892. Population, 406,919. Total deaths, 1,722, including smallpox, 9; enteric fever, 17; scarlet fever, 1; diphtheria and croup, 52; and measles, 9.

**Nice.**—Month of December, 1891. Population, 97,720. Total deaths, 194, including phthisis pulmonalis, 9; enteric fever, 2; smallpox, 1; and measles, 1.

**Rouen.**—Month of December, 1891. Population, 106,196. Total deaths, 388, including phthisis pulmonalis, 49; enteric fever, 15; scarlet fever, 6; varicella, 1; croup, 18; measles, 3; and whooping cough, 21.

**GREAT BRITAIN—*England and Wales.***—The deaths registered in 28 great towns of England and Wales during the week ended February 6 corresponded to an annual rate of 26.2 a thousand of the aggregate population, which is estimated at 10,185,736. The lowest rate was recorded in Bradford, viz, 13.8, and the highest in Preston, viz, 31.1 a thousand.

**London.**—Two thousand five hundred deaths were registered during the week, including measles, 39; scarlet fever, 14; diphtheria, 27; whooping cough, 137; enteric fever, 6; and diarrhoea and dysentery, 17. The deaths from all causes corresponded to an annual rate of 30.6

a thousand. Diseases of the respiratory organs caused 761 deaths. In greater London 3,157 deaths were registered, corresponding to an annual rate of 28.6 a thousand of the population. In the "outer ring" the deaths included "fever" 5 and whooping cough 26.

*Ireland.*—The average annual death rate represented by the deaths registered during the week ended February 6, in the 16 principal town districts of Ireland, was 26.2 a thousand of the population. The lowest rate was recorded in Armagh, viz, 7.0, and the highest in Sligo, viz, 56.7 a thousand. In Dublin and suburbs 225 deaths were registered, including enteric fever 1 and whooping cough 2.

*Scotland.*—The deaths registered in 8 principal towns during the week ended February 6 corresponded to an annual rate of 22.0 a thousand of the population, which is estimated at 1,338,314. The lowest mortality was recorded in Paisley, viz, 15.3, and the highest in Glasgow, viz, 24.7 a thousand. The aggregate number of deaths registered from all causes was 612, including measles, 7; scarlet fever, 2; diphtheria, 10; whooping cough, 20; fever, 8; and diarrhœa, 8.

*ST. HELENA.*—Six weeks ended December 25, 1891. Population, 3,600. Total deaths, 7. No deaths reported from contagious disease.

*SWITZERLAND—Zurich.*—Month of December, 1891. Population, 91,323. Total deaths, 197, including phthisis pulmonalis, 16; croup and diphtheria, 7; measles, 16; and whooping cough, 3.

*TURKEY—Constantinople.*—Month of November, 1891. Total deaths, 879, including 40 from smallpox.

Month of December. Total deaths, 1,410, including 37 from smallpox.

*WEST INDIES—Turk's Islands.*—Three weeks ended January 20, 1892. Population, 4,744. Total deaths, 18. No deaths from contagious diseases.

*RUSSIA—Riga.*—Month of November, 1891. Population, 200,000. Total deaths, 403, including phthisis pulmonalis, 39; enteric fever, 7; scarlet fever, 39; smallpox, 1; diphtheria, 33; measles, 1; croup, 1; and whooping cough, 4.

#### *Cholera in Arabia.*

[Translated for this Bureau from the publications of the *Kaiserlichen Gesundheitsamtes*, Berlin, February 2, 1892.]

According to information received January 6, 9 choleraic deaths occurred at Damascus between December 28, 1891, and January 4, 1892. Recent intelligence from Hodeida shows the epidemic to be extinct in Assyr and Yemen. The disease is said to have been introduced into Hodeida by means of the Turkish transport ship *Djedda*, which left Constantinople August 28, 1891, and touched at Smyrna, Beirut,

and Port Said, arriving off Hodeida September 28. Five soldiers who were shipped at Beirut died with choleraic symptoms during the voyage of the *Djedda*. Within a few days after the disembarkation of the troops at Hodeida many deaths occurred in the camp outside the town and in the military hospital. The first case in the town occurred October 9. By October 17, the disease had become general. No death from cholera was reported from the military hospital after October 30, and the last case in the town occurred November 7. Official statistics place the number of choleraic deaths at Hodeida at 707. Unofficial statements place the number at 3,000. The disease still prevails at Sana, Táas, Nedgib, and Sukelhams.



## MORTALITY TABLE, FOREIGN CITIES.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—								
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
London.....	Feb. 6.....	5,752,204	3,157				6	14	30	42		
Paris.....	Jan. 23.....	2,424,705	1,615				14	3	25	7	6	
Paris.....	Jan. 30.....	2,424,705	1,499				4	12	121	17	6	
Paris.....	Feb. 6.....	2,424,705	1,199			1	7		25	11	3	
Vienna.....	Jan. 16.....	1,378,530	891				3	4	29	22	105	
Glasgow.....	Feb. 6.....	669,143	318				6		2			
Liverpool.....	Feb. 6.....	513,786	267			1	1		1			
Buda-Pesth.....	Jan. 29.....	507,000				3		6	23			
Brussels.....	Jan. 16.....	482,158	310				1					
Brussels.....	Jan. 23.....	482,158	308				4	1				
Lyons.....	Jan. 30.....	430,000	285				1		5			
Munich.....	Jan. 23.....	366,000	224					2	10			
Copenhagen.....	Jan. 30.....	326,000	151						6			
Cologne.....	Feb. 6.....	290,968	156						2	3	5	
Barcelona.....	Jan. 29.....	272,000	196			3	4		4			
Edinburgh.....	Feb. 6.....	264,787	108				1					
Belfast.....	Feb. 6.....	255,922	150				2	1	1			
Palermo.....	Jan. 30.....	250,000	140				5					
Antwerp.....	Jan. 30.....	241,263	118				5	1				
Bristol.....	Feb. 6.....	222,049						2				
Rotterdam.....	Feb. 6.....	216,678	122						1			
Hanover.....	Jan. 30.....	185,200	63				2	2				
Prague.....	Jan. 30.....	182,887	169			3	3	2	5			
Genoa.....	Jan. 30.....	181,317	131			1		1				
Genoa.....	Feb. 6.....	181,317	117			1						
Frankfort-on-the-Main.....	Jan. 30.....	180,000	79						6			
Venice.....	Jan. 30.....	161,130	157						3			
Trieste.....	Jan. 30.....	158,054	147				3			1		
Nuremberg.....	Jan. 23.....	149,207	81					1	1			
Stuttgart.....	Feb. 6.....	139,507	42						3			
Funchal.....	Jan. 30.....	133,250	22									
Bremen.....	Jan. 30.....	125,600	49							5		
Havre.....	Feb. 6.....	116,369	66			1					1	
Catania.....	Jan. 31.....	111,000	78				1	1	2			
Crefeld.....	Feb. 6.....	108,000	60						3			
Aix-la-Chapelle.....	Jan. 31.....	106,237	54									
Gothenburg.....	Jan. 30.....	105,800	41									
Zurich.....	Jan. 30.....	91,323	73				1		5	9	54	2
Paris.....	Jan. 10.....	80,000	48	5			1					
Paris.....	Jan. 17.....	80,000	44	3			2	1				
Paris.....	Jan. 24.....	80,000	40	5			2	2				
Paris.....	Jan. 31.....	80,000	48	2			2					
Leith.....	Feb. 6.....	69,956	29									
Guayaquil.....	Jan. 22.....	44,000	58	14								
Trapani.....	Jan. 30.....	43,995	16									
Marsala.....	Jan. 30.....	40,131	15				1					
Matanzas.....	Feb. 10.....	40,000	29									
Gibraltar.....	Jan. 31.....	25,755	7									
Gibraltar.....	Feb. 7.....	25,755	19									
Schiedam.....	Feb. 6.....	25,437	5									
Vera Cruz.....	Feb. 5.....	25,000	5					1				
Vera Cruz.....	Feb. 12.....	25,000	5									
Girgenti.....	Jan. 30.....	23,947	11				1					
Licata.....	Jan. 30.....	20,000	4									
Victoria.....	Feb. 6.....	16,200	5									
Flushing.....	Feb. 6.....	14,000	7									
Matamoros.....	Feb. 12.....	12,000	7									
Queenstown.....	Feb. 13.....	10,340	2									
Tuxpan.....	Feb. 6.....	10,280	9									
La Guayra.....	Jan. 30.....	10,000	3									
Tampico.....	Feb. 14.....	8,048	24									
Sarnia.....	Feb. 13.....	6,600	2									
Coaticook.....	Feb. 13.....	3,082	1									
Amherstburg.....	Feb. 13.....	2,260	1									
Punta Arenas.....	Jan. 10.....	2,000	7									
Punta Arenas.....	Jan. 17.....	2,000	3				1					
Punta Arenas.....	Jan. 24.....	2,000	5									
Punta Arenas.....	Jan. 31.....	2,000	4				1					

OFFICIAL:

WALTER WYMAN,

Supervising Surgeon-General Marine-Hospital Service.